

### **Abstract of the Disclosure**

A method and apparatus reduces error in a communication system that includes multiple  
5 orthogonal subcarriers by suppressing a subcarrier in a transmitting communication device and by  
equalizing a received signal in a receiving communication device. Subcarrier suppression is based  
on a determination of a signal quality metric with respect to each subcarrier or is based on a  
determination of excessive signal power overdriving an amplifier of the receiving communication  
device. Equalization of the received signal is based on an equalization function that reduces a  
10 multipath delay introduced to the transmitted signal when the multipath delay exceeds a tolerable  
multipath delay.